



MASTER BUILDERS
A U S T R A L I A

1 April 2022

Workforce Analysis Team
National Skills Commission
SkillsPriorityList@skillscommission.gov.au

Re: Submission to the National Skills Priority List Survey, February 2022

Master Builders Australia welcomes the opportunity to provide input to the National Skills Commission's (NSC) Skills Priority List Stakeholder Survey, February 2022.

Master Builders is the nation's peak building and construction industry association. We were established in 1890 through the federation of the Master Builders State and Territory Associations. Over our 130 year history we have come to represent over 32,000 businesses nationwide and are the only association representing all three sectors of the building and construction industry – residential and commercial building and civil and engineering construction.

The input to this submission is informed by:

- Consultation with the state and territory Master Builders Associations through the National Jobs and Skills Policy Advisory Committee, written correspondence, and one-on-one interactions
- Engagement with building and construction businesses across the country
- Analysis of relevant data from the Australian Bureau of Statistics (ABS), National Centre for Vocational Education and Research (NCVER) and the NSC
- Monitoring of relevant digital platforms and forums
- Conversations with other industry bodies in the building and construction industry.

Should you require additional information please do not hesitate to make contact: 0447 529 170, Jennifer.Lawrence@masterbuilders.com.au.

Kind regards

Jennifer Lawrence
Manager Industry Policy
Master Builders Australia

OCCUPATION: 133111 CONSTRUCTION PROJECT MANAGER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">• Australian and international pipeline of infrastructure and public sector commercial works has created shortages now and into the future• Construction project manager is listed on the Priority Migration Skilled Occupation List• Nationally job advertisements for construction managers are 27% higher than pre-covid, and 20% higher than the ten year average.
NSW	S	<ul style="list-style-type: none">•
Vic	S	<ul style="list-style-type: none">• Master Builders Victoria industry forum in November 2021 reported a chronic shortage of construction project managers across the state
Qld	S	<ul style="list-style-type: none">• Online job ads for February 2022 are up 61% on pre-covid levels and 42% higher than the ten year average
SA	S	<ul style="list-style-type: none">• Online job ads for February 2022 are up 53% on pre-covid levels and 57% higher than the ten year average
WA	S	<ul style="list-style-type: none">• Online job ads for February 2022 are up 54% on pre-covid levels
Tas	S	<ul style="list-style-type: none">• Online job ads for February 2022 are up 137% on pre-covid levels and 84% higher than the ten year average
NT	S	<ul style="list-style-type: none">•
ACT	S	<ul style="list-style-type: none">• Feedback from Master Builders ACT indicates acute shortages of experienced construction managers

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	<ul style="list-style-type: none">• LMIP projected growth of 12%, workforce to grow by 5480 by Nov 2025. In 2016, 34% of construction managers (31,437 workers) were aged 50 or over, indicating a higher number of retiring workers that will need to be replaced in the coming years.
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OCCUPATION: 133112 PROJECT BUILDER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">The success of the Government's HomeBuilder initiative has led to an acute shortage of builders creating to project delays and hampering economic recovery.Natural disasters in recent years – bushfires and floods – have created additional demand for Builders and shortages are widespread.
NSW	S	<ul style="list-style-type: none">Natural disasters have placed additional pressure on the demand for builders – the rebuilding task from the 2020 bushfires is ongoing and remediation works from the 2022 floods will increase demand over the medium term.
Vic	S	<ul style="list-style-type: none">Natural disasters have placed additional pressure on the demand for builders – the rebuilding task from the 2020 bushfires is ongoing.Master Builders Victoria industry forum in November 2021 reported a chronic shortage of construction project managers across the state
Qld	S	<ul style="list-style-type: none">Natural disasters are placing additional pressure on the demand for builders – remediation works from the 2022 floods will increase demand over the medium term. Online job ads for February 2022 are up 61% on pre-covid levels and 42% higher than the ten year average.
SA	S	<ul style="list-style-type: none">Online job ads for February 2022 are up 53% on pre-covid levels and 57% higher than the ten year average
WA	S	<ul style="list-style-type: none">Online job ads for February 2022 are up 54% on pre-covid levels
Tas	S	<ul style="list-style-type: none">Online job ads for February 2022 are up 137% on pre-covid levels and 84% higher than the ten year average
NT	S	<ul style="list-style-type: none">
ACT	S	<ul style="list-style-type: none">

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	<ul style="list-style-type: none">LMIP projected growth of 12%, workforce to grow by 5480 by Nov 2025. In 2016, 34% of construction managers (31,437 workers) at the ANZSCO 4-digit level (which includes project builders) were aged 50 or over, indicating a higher number of retiring workers will need to be replaced in the coming years.
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OCCUPATION: 233211 CIVIL ENGINEER; 233211 STRUCTURAL ENGINEER; 233215 TRANSPORT ENGINEER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">Infrastructure projects are key economic recovery drivers in Australia and internationally exacerbating the existing Australian shortages and creating a global shortage of civil engineers and other 2332 occupation unit shortages.Infrastructure Australia's Workforce Skills Supply Report as an occupation likely to be in shortage.Civil Engineer is listed on the Priority Migration Skilled Occupation ListDuring the pandemic the national civil engineering workforce increased by 6,703 (+44.6%) [ABS labour force Nov 2021]
NSW	S	<ul style="list-style-type: none">The civil engineering workforce doubled during the pandemic from 3,667 in February 2020 to 7,146 in November 2021 (ABS, labour force data)
Vic	S	<ul style="list-style-type: none">Anecdotal feedback from Master Builders Victoria indicated significant shortages.
Qld	S	<ul style="list-style-type: none">
SA	S	<ul style="list-style-type: none">Online job ads in February 2022 are 59% higher than the ten-year average
WA	S	<ul style="list-style-type: none">
Tas	S	<ul style="list-style-type: none">Online job ads in February 2022 are 56% higher than the ten-year average
NT	S	<ul style="list-style-type: none">
ACT	S	<ul style="list-style-type: none">

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	<ul style="list-style-type: none">LMIP projected growth 15.2%, workforce to grow by 5,100 by Nov2025. In 2016, 22% of the civil engineering professionals (7909 workers) at the ANZSCO 4-digit level were aged 50 or over, indicating a higher number of retiring workers will need to be replaced in the coming years.
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OCCUPATION: 312113 BUILDING INSPECTOR (SURVEYORS AND CERTIFIERS)

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">The success of HomeBuilder and the role of building inspectors, certifiers and surveyors throughout the residential construction process has seen demand increase and shortages appear.Insurance and regulatory changes as part of the Government's implementation of the Building Confidence Report is placing added costs, responsibilities and liabilities on this occupation, particularly private Building Surveyors, and reducing its appeal as a career pathway and seeing existing workers leave.
NSW	S	<ul style="list-style-type: none">
Vic	S	<ul style="list-style-type: none">Master Builders Victoria industry forum in November 2021 reported a chronic shortage of building surveyors across the state
Qld	S	<ul style="list-style-type: none">
SA	S	<ul style="list-style-type: none">
WA	S	<ul style="list-style-type: none">
Tas	S	<ul style="list-style-type: none">Online job ads in February 2022 for architectural, building and surveying technicians are 121% above the ten-year average.
NT	S	<ul style="list-style-type: none">
ACT	S	<ul style="list-style-type: none">

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	<ul style="list-style-type: none">LMIP projected growth 8.6%, workforce to grow by 580 by Nov2025. This is in addition to replacing workers that leave the occupation, and with 30% of Architectural, Building and Surveying Technicians (16,858 workers) - which includes Building Inspectors - being aged 50 or over at the 2016 Census there will be strong occupational demand going forward.
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OCCUPATION: 331111 BRICKLAYER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">The success of the Government's HomeBuilder initiative has added availability pressures to this occupation. Around 85% of MBA 2021 survey participants indicated current delays in the availability of bricklayers.Online job ads for February 2022 are nearly double pre-covid levels.
NSW	S	<ul style="list-style-type: none">Online job ads for February 2022 are more than double pre-covid levels75% of MBA 2021 survey participants reported delays in the availability of bricklayers in NSW
Vic	S	<ul style="list-style-type: none">Master Builders Victoria industry forum in November 2021 reported a chronic shortage of bricklayers across the state80% of MBA 2021 survey participants reported delays in the availability of bricklayers in Vic
Qld	S	<ul style="list-style-type: none">85-90% of MBA 2021 survey participants reported delays in the availability of bricklayers in NSW
SA	S	<ul style="list-style-type: none">Online job ads for February 2022 are six-times higher than pre-covid90% of MBA 2021 survey participants reported delays in the availability of bricklayers in SAMaster Builders SA, and Brick & Block Careers are reporting acute shortages of bricklayers
WA	S	<ul style="list-style-type: none">Online job ads for February 2022 are 3.5 times higher than pre-covid95% of MBA 2021 survey participants reported delays in the availability of bricklayers in WAMaster Builders WA, Brick & Block Careers and employers in WA are reporting acute shortages of bricklayers
Tas	S	<ul style="list-style-type: none">90-95% of MBA 2021 survey participants reported delays in the availability of bricklayers in Tas
NT		
ACT	S	<ul style="list-style-type: none">85-90% of MBA 2021 survey participants reported delays in the availability of bricklayers in the ACT

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	Master Builders workforce analysis indicates that 7,220 bricklaying apprentices need to commence between February 2022 and November 2025 to replace outgoing workers and meet growth projections. Based on commencements in the last four years we anticipate a shortfall of new bricklaying apprentices of 3,771 (52%).
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OCCUPATION: 331112 STONEMASON

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">• Online job ads for February 2022 are nearly double pre-covid levels• The success of the Government's HomeBuilder initiative has added availability pressures to this occupation• Around 75% of MBA 2021 survey participants indicated current delays in the availability of stonemasons
NSW	S	<ul style="list-style-type: none">• Online job ads for February 2022 are more than double pre-covid levels• Around 70% of MBA 2021 survey participants indicated current delays in the availability of stonemasons in NSW
Vic	S	<ul style="list-style-type: none">• Around 70% of MBA 2021 survey participants indicated current delays in the availability of stonemasons in Vic
Qld	S	<ul style="list-style-type: none">• Around 70-75% of MBA 2021 survey participants indicated current delays in the availability of stonemasons in Qld
SA	S	<ul style="list-style-type: none">• Online job ads for February 2022 are six-times higher than pre-covid• Around 70% of MBA 2021 survey participants indicated current delays in the availability of stonemasons in SA
WA	S	<ul style="list-style-type: none">• Online job ads for February 2022 are 3.5 times higher than pre-covid• Around 70% of MBA 2021 survey participants indicated current delays in the availability of stonemasons in WA
Tas	S	<ul style="list-style-type: none">• Around 80% of MBA 2021 survey participants indicated current delays in the availability of stonemasons in Tas
NT	S	
ACT	S	
FUTURE DEMAND		
SOFT, MODERATE, STRONG		
Strong		<ul style="list-style-type: none">• Master Builders workforce analysis indicates that only 28% of demand for new stonemason apprentices will be met by November 2025. We project 1818 stonemasonry apprentices need to commence between February 2022 and November 2025 to replace outgoing workers and meet growth projections. In the last four years total stonemasonry commencements have fallen well short of what will be needed at just 510.

OCCUPATIONS: 331211 CARPENTER AND JOINER; 331212 CARPENTER; 331213 JOINER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none"> Online job ads for February 2022 are more than double pre-covid levels and 54% higher than the ten year average Natural disasters in recent years – bushfires and floods – have created additional demand for carpenters and shortages are widespread. The success of the Government's HomeBuilder initiative has added availability pressures to this occupation. Around 83% of MBA 2021 survey participants indicated current delays in the availability of Carpenters and 80% for Joiners.
NSW	S	<ul style="list-style-type: none"> Online job ads for February 2022 are more than double pre-covid levels Around 80% of MBA 2021 survey participants in NSW indicated delays in the availability of Carpenters and 75-80% for Joiners.
Vic	S	<ul style="list-style-type: none"> Online job ads for February 2022 are more than double pre-covid levels and 64% higher than the ten year average. Master Builders Victoria industry forum in November 2021 reported a chronic shortage of carpenters across the state Around 70% of MBA 2021 survey participants in Vic indicated delays in the availability of Carpenters and 80% for Joiners.
Qld	S	<ul style="list-style-type: none"> Online job ads for February 2022 are more than triple pre-covid levels and 66% higher than the ten year average Around 85-90% of MBA 2021 survey participants in Qld indicated delays in the availability of Carpenters and 80% for Joiners.
SA	S	<ul style="list-style-type: none"> Online job ads for February 2022 are more than double pre-covid levels and 79% higher than the ten year average Around 90% of MBA 2021 survey participants in SA indicated delays in the availability of Carpenters and 85-90% for Joiners.
WA	S	<ul style="list-style-type: none"> Online job ads for February 2022 are more than double both pre-covid levels and the ten year average Around 85% of MBA 2021 survey participants in WA indicated current delays in the availability of Carpenters and 75% for Joiners.
Tas	S	<ul style="list-style-type: none"> Around 85-90% of MBA 2021 survey participants in Tas indicated delays in the availability of Carpenters and 90-95% for Joiners.
NT	S	<ul style="list-style-type: none"> Online job ads for February 2022 are more than double pre-covid levels
ACT	S	<ul style="list-style-type: none">

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	<ul style="list-style-type: none"> Master Builders workforce analysis indicates that 62,070 carpentry and joinery apprentices need to commence between February 2022 and November 2025 to replace outgoing workers and meet growth projections. While carpentry commencements are strong (43,752 in the last four years), only 54% complete their trade and we anticipate a shortfall around 18,000 new commencements. In addition, 3312-coded occupations are a key pathway to Project Builders and Building Associate which are projected to grow 12% and 8.6% respectively, meaning the replacement need maybe higher than projected.
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OCCUPATION: 332111 FLOOR FINISHER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">• Online job ads for February 2022 are 59% above pre-covid levels• Recent flooding events will add to occupational shortages in the near-term.• The success of the Government's HomeBuilder initiative has added availability pressures to this occupation.• Around 70% of MBA 2021 survey participants indicated delays in the availability of Floor finishers.
NSW	S	<ul style="list-style-type: none">• In the last five years the floor finishing workforce has expanded by 49.6% (ABS, labour force).• Recent flooding events in northern NSW will increase shortages in the near-term.• Around 65% of MBA 2021 survey participants in NSW indicated delays in the availability of Floor finishers.
Vic	S	<ul style="list-style-type: none">• Online job ads for February 2022 are 89% above pre-covid levels• Around 65% of MBA 2021 survey participants in Vic indicated delays in the availability of Floor finishers.
Qld	S	<ul style="list-style-type: none">• Online job ads for February 2022 are 67% above pre-covid levels.• Recent flooding events in South East Queensland will increase shortages in the near-term.• Around 70% of MBA 2021 survey participants in Qld indicated delays in the availability of floor finishers.
SA	S	<ul style="list-style-type: none">• Online job ads for February 2022 are four times higher than pre-covid levels• Around 70% of MBA 2021 survey participants in SA indicated delays in the availability of floor finishers.
WA	S	<ul style="list-style-type: none">• Online job ads for February 2022 are 56% above pre-covid levels and 58% above the ten-year average• Around 60% of MBA 2021 survey participants in WA indicated delays in the availability of floor finishers.
Tas	S	<ul style="list-style-type: none">• Around 80% of MBA 2021 survey participants in Tas indicated delays in the availability of floor finishers.
NT	S	
ACT	S	

FUTURE DEMAND

SOFT, MODERATE, STRONG

Moderate	Master Builders workforce analysis indicates that 1,550 flooring technology apprentices need to commence between February 2022 and November 2025 to replace outgoing workers and meet growth projections. Based on the last four years 89% of demand will be met.
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OCCUPATION: 332211 PAINTING TRADES WORKER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">The success of the Government's HomeBuilder initiative has added availability pressures to this occupation.Around 75% of MBA 2021 survey participants indicated current delays in the availability of painters.Online job ads in February 2022 are up 122% compared to pre-covid and 45% higher than the ten-year average.
NSW	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 92% compared to pre-covid and 31% higher than the ten-year average.Around 75% of MBA 2021 survey participants in NSW indicated delays in the availability of painters.
Vic	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 114% compared to pre-covid and 61% higher than the ten-year average.Anecdotal feedback from Master Builders Victoria indicated significant shortages.Around 70% of MBA 2021 survey participants in Vic indicated delays in the availability of painters.
Qld	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 139% compared to pre-covidAround 80% of MBA 2021 survey participants indicated current delays in the availability of painters.
SA	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 77% compared to pre-covidAround 70-75% of MBA 2021 survey participants in SA indicated delays in the availability of painters.
WA	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 178% compared to pre-covid and 98% higher than the ten-year average.Around 75-80% of MBA 2021 survey participants in WA indicated delays in the availability of painters.
Tas	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 146% compared to pre-covid and 178% higher than the ten-year average.Around 75-80% of MBA 2021 survey participants in Tas indicated delays in the availability of painters.
NT	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 113% compared to pre-covid
ACT	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 61% compared to pre-covid and 121% higher than the ten-year average.Around 70% of MBA 2021 survey participants in the ACT indicated delays in the availability of painters.

FUTURE DEMAND

SOFT, MODERATE, STRONG

Moderate	<ul style="list-style-type: none">Master Builders workforce analysis indicates that 6,622 painting and decorating apprentices need to commence between February 2022 and November 2025 to replace outgoing workers and meet growth projections. Based on the last four years 76% of demand will be met.
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OCCUPATION: 333111 GLAZIER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 76% compared to pre-covid• The success of the Government's HomeBuilder initiative has added availability pressures to this occupation.• Around 70% of MBA 2021 survey participants indicated current delays in the availability of glaziers.
NSW	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 106% compared to pre-covid
Vic	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 80% compared to pre-covid• Around 65-70% of MBA 2021 survey participants in Vic indicated delays in the availability of glaziers.
Qld	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 66% compared to pre-covid and up 56% compared to the ten-year average• Around 77-80% of MBA 2021 survey participants in Qld indicated delays in the availability of glaziers.
SA	S	<ul style="list-style-type: none">• Around 75% of MBA 2021 survey participants in SA indicated delays in the availability of glaziers.
WA	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 60% compared to pre-covid and up 67% compared to the ten-year average• Around 80% of MBA 2021 survey participants in WA indicated delays in the availability of glaziers.
Tas	S	<ul style="list-style-type: none">• Around 85-90% of MBA 2021 survey participants in Tas indicated delays in the availability of glaziers.
NT	S	<ul style="list-style-type: none">•
ACT	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 60% compared to pre-covid and up 118% compared to the ten-year average

FUTURE DEMAND

SOFT, MODERATE, STRONG

moderate	<ul style="list-style-type: none">• Master Builders workforce analysis indicates that 1591 glazier apprentices need to commence between February 2022 and November 2025 to replace outgoing workers and meet growth projections, roughly equal to the number of commencement in the last four years.
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OCCUPATION: 333212 FIBROUS PLASTERER; 333212 SOLID PLASTERER**CURRENT DEMAND**

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 122% compared to pre-covid• Natural disasters in recent years – bushfires and floods – have created additional demand for carpenters and shortages are widespread. The success of the Government's HomeBuilder initiative has added availability pressures to this occupation.• Around 73% of MBA 2021 survey participants indicated delays in the availability of plasterers.
NSW	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 113% compared to pre-covid• Around 65% of MBA 2021 survey participants in NSW indicated delays in the availability of plasterers.
Vic	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 92% compared to pre-covid
Qld	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 367% compared to pre-covid• Around 80% of MBA 2021 survey participants indicated delays in the availability of plasterers.
SA	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 180% compared to pre-covid
WA	S	<ul style="list-style-type: none">• Around 75% of MBA 2021 survey participants in WA indicated delays in the availability of plasterers.
Tas	S	<ul style="list-style-type: none">• Around 85% of MBA 2021 survey participants in Tas indicated delays in the availability of plasterers.
NT	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 67% compared to pre-covid
ACT	S	<ul style="list-style-type: none">•

FUTURE DEMAND

SOFT, MODERATE, STRONG

Moderate	With contraction of 6.1% anticipated by 2025 and low attrition, this occupation appears on track to meet projected replacement and growth.
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OCCUPATION: 333311 ROOF TILER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 54% compared to pre-covid The success of the Government's HomeBuilder initiative has added supply pressures to this occupation.• Around 84% of MBA 2021 survey participants indicated delays in the availability of roof installers, including roof tilers.
NSW	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 55% compared to pre-covid• Around 80% of MBA 2021 survey participants in NSW indicated delays in the availability of roof installers, including roof tilers.
Vic	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 55% compared to pre-covid.• Anecdotal feedback from Master Builders Victoria indicated significant shortages.• Around 75% of MBA 2021 survey participants in Vic indicated delays in the availability of roof installers, including roof tilers.
Qld	S	<ul style="list-style-type: none">• Around 95% of MBA 2021 survey participants in Qld indicated delays in the availability of roof installers, including roof tilers.
SA	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 129% compared to pre-covid• Around 85% of MBA 2021 survey participants in SA indicated delays in the availability of roof installers, including roof tilers.
WA	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 200% compared to pre-covid and are 71% higher than the ten-year average• Around 80% of MBA 2021 survey participants in WA indicated delays in the availability of roof installers, including roof tilers.
Tas	S	<ul style="list-style-type: none">• Around 90% of MBA 2021 survey participants in Tsa indicated delays in the availability of roof installers, including roof tilers.
NT	S	<ul style="list-style-type: none">•
ACT	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 325% compared to pre-covid and are 202% higher than the ten-year average• Around 75% of MBA 2021 survey participants in the ACT indicated delays in the availability of roof installers, including roof tilers.

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	Master Builders workforce analysis indicates that 3,214 roof tiling apprentices need to commence between February 2022 and November 2025 to replace outgoing workers and meet growth projections. However, commencements in the last four years were considerably below this (1,230), potentially leading to an estimated 62% shortfall (1,984 less commencements than will be needed).
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OCCUPATION: 333411 WALL AND FLOOR TILER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 148% compared to pre-covid The success of the Government's HomeBuilder initiative has added availability pressures to this occupation.• Around 77% of MBA survey participants indicated delays in the availability of wall and floor tilers.
NSW	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 118% compared to pre-covid• Around 70% of MBA survey participants in NSW indicated delays in the availability of wall and floor tilers.
Vic	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 133% compared to pre-covid• Around 70% of MBA survey participants in Vic indicated delays in the availability of wall and floor tilers.
Qld	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 263% compared to pre-covid• Around 80-85% of MBA survey participants in Qld indicated delays in the availability of wall and floor tilers.
SA	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 325% compared to pre-covid and are 90% higher than the ten-year average• Around 70-75% of MBA survey participants in SA indicated delays in the availability of wall and floor tilers.
WA	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 106% compared to pre-covid and are 70% higher than the ten-year average• Around 70% of MBA survey participants in WA indicated delays in the availability of wall and floor tilers.
Tas	S	<ul style="list-style-type: none">• Around 90-95% of MBA survey participants in NSW indicated delays in the availability of wall and floor tilers.
NT	S	
ACT	S	

FUTURE DEMAND

SOFT, MODERATE, STRONG

Moderate

OCCUPATION: 334111 PLUMBER (GENERAL); 334112 (AIRCONDITIONING AND MECHANICAL SERVICES PLUMBER); 334113 (DRAINER); 334114 (GASFITTER); 334115 (ROOF PLUMBER)

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 75% compared to pre-covid and are 56% above the ten-year average Between February 2020 and November 2021 the plumbing workforce has increased 6,029 (+29.4%). The success of the Government's HomeBuilder initiative has added availability pressures to this occupation. Around 70% of MBA survey participants indicated delays in the availability of plumbers.
NSW	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 74% compared to pre-covid Around 70% of MBA survey participants in NSW indicated delays in the availability of plumbers.
Vic	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 56% compared to pre-covid and are 70% above the ten-year average. Anecdotal feedback from Master Builders Victoria indicated significant shortages. Around 65-70% of MBA survey participants in Vic indicated delays in the availability of plumbers.
Qld	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 95% compared to pre-covid and are 49% above the ten-year average
SA	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 93% compared to pre-covid and are 60% above the ten-year average Around 65-70% of MBA survey participants in SA indicated delays in the availability of plumbers.
WA	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 101% compared to pre-covid and are 79% above the ten-year average Around 75% of MBA survey participants in WA indicated delays in the availability of plumbers.
Tas	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 164% compared to pre-covid and are 153% above the ten-year average Around 85% of MBA survey participants in Tas indicated delays in the availability of plumbers.
NT	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 78% compared to pre-covid
ACT	S	<ul style="list-style-type: none"> Online job ads in February 2022 are up 107% compared to the ten-year average

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	<p>Analysis at ANZSCO 4-digit (3341) indicates plumber occupations will grow by 6.3% in the five years to November 2025. To replace existing workers and meet growth projections we anticipate 37,259 apprentice commencements will be needed by November 2025. Based on commencements in the last four years we anticipate a shortfall of 28% (10,460 apprentices).</p>
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OCCUPATION: 341111 ELECTRICIAN (GENERAL)

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">The success of the Government's HomeBuilder initiative has added availability pressures to this occupation.Around 65% of MBA 2021 survey participants indicated current delays in the availability of electricians.Online job ads in February 2022 are up 78% higher than the ten-year average
NSW	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 52% higher than the ten-year average
Vic	S	<ul style="list-style-type: none">Anecdotal feedback from Master Builders Victoria indicated significant shortages.Online job ads in February 2022 are up 126% higher than the ten-year average
Qld	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 63% higher than the ten-year average
SA	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 76% higher than the ten-year average
WA	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 109% higher than the ten-year average
Tas	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 107% higher than the ten-year average
NT	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 70% higher than the ten-year average
ACT	S	<ul style="list-style-type: none">

FUTURE DEMAND

SOFT, MODERATE, STRONG

Moderate	To replace existing workers and meet growth projections we estimate 49,455 electrical apprentice commencements will be needed by November 2025. Based on commencements in the last four years we anticipate a shortfall of 15% (7,545 apprentices).
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OCCUPATION: 712915 CONCRETE PUMP OPERATOR

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">• The success of the Government's HomeBuilder initiative has added availability pressures to this occupation.• Around 82% of MBA 2021 survey participants indicated current delays in the availability of concreters.• Online job ads in February 2022 are up 62% higher than the ten-year average
NSW	S	<ul style="list-style-type: none">• Feedback from businesses indicates difficulty recruiting and retaining staff leading to project delays
Vic	S	<ul style="list-style-type: none">• Anecdotal feedback from Master Builders Victoria indicated significant shortages.• Online job ads in February 2022 are up 77% higher than the ten-year average
Qld	S	<ul style="list-style-type: none">•
SA	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 70% higher than the ten-year average
WA	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 64% higher than the ten-year average
Tas	S	<ul style="list-style-type: none">•
NT	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 101% higher than the ten-year average
ACT	S	<ul style="list-style-type: none">• Online job ads in February 2022 are up 58% higher than the ten-year average
FUTURE DEMAND		
SOFT, MODERATE, STRONG		
Strong		Infrastructure pipeline indicates strong growth prospects, higher than average attrition is expected as 36.5% of the workforce were aged over 50 in 2016.



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OCCUPATION: 821111 BUILDER'S LABOURER; 821113 EARTHMOVING LABOURER**CURRENT DEMAND**

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none"> • In shortage due to Homebuilder and infrastructure works • Online job ads in February 2022 are up 142% compared to pre-covid and are 80% above the ten-year average • Natural disasters in recent years – bushfires and floods – have created additional demand for building and construction
NSW	S	<ul style="list-style-type: none"> • Online job ads in February 2022 are up 157% compared to pre-covid and are 74% above the ten-year average • Natural disasters in recent years – bushfires and floods – have created additional demand for building and construction.
Vic	S	<ul style="list-style-type: none"> • Online job ads in February 2022 are up 181% compared to pre-covid and are 153% above the ten-year average • Natural disasters in recent years – bushfires and floods – have created additional demand for building and construction.
Qld	S	<ul style="list-style-type: none"> • Online job ads in February 2022 are up 110% compared to pre-covid and are 52% above the ten-year average • Natural disasters in recent years – bushfires and floods – have created additional demand for building and construction.
SA	S	<ul style="list-style-type: none"> • Online job ads in February 2022 are up 118% compared to pre-covid and are 54% above the ten-year average
WA	S	<ul style="list-style-type: none"> • Online job ads in February 2022 are up 135% compared to pre-covid and are 82% above the ten-year average
Tas	S	<ul style="list-style-type: none"> • Online job ads in February 2022 are up 189% compared to pre-covid and are 103% above the ten-year average
NT	S	<ul style="list-style-type: none"> • Online job ads in February 2022 are up 227% compared to pre-covid
ACT	S	<ul style="list-style-type: none"> • Online job ads in February 2022 are up 88% compared to pre-covid and are 94% above the ten-year average

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	<p>Infrastructure Australia's report on workforce skills supplies identifies general construction labourers as likely to be in acute shortage. The 8211 occupations are projected to by 6.5% in the five years to November 2025, this will see the workforce increase by 3,220 workers to 61,700 workers.</p>
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OCCUPATION: 821211 CONCRETER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none">In shortage due to Homebuilder and infrastructure workers. Around 82% of MBA survey participants indicated current delays in the availability of concreters.Online job ads in February 2022 are double pre-covid levels
NSW	S	<ul style="list-style-type: none">Online job ads in February 2022 are double pre-covid levelsFeedback from industry indicates acute shortages and project delays
Vic	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 54% compared to pre-covidAnecdotal feedback from Master Builders Victoria indicated significant shortages.
Qld	S	<ul style="list-style-type: none">Online job ads in February 2022 are double pre-covid levels
SA	S	<ul style="list-style-type: none">Online job ads in February 2022 are double pre-covid levels
WA	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 181% compared to pre-covid
Tas	S	<ul style="list-style-type: none">Online job ads in February 2022 are up double pre-covid levels
NT	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 227% compared to pre-covid
ACT	S	<ul style="list-style-type: none">Online job ads in February 2022 are up 225% compared to pre-covid
FUTURE DEMAND		
SOFT, MODERATE, STRONG		
Strong		Infrastructure Australia's report on workforce and skills supplies identifies construction labourers as likely to be in acute shortage Increasing workload and aging workforce indicates strong demand



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OCCUPATION: 821411 BUILDING INSULATION INSTALLER; 821412 HOME IMPROVEMENT INSTALLER

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 93% higher than pre-covid The success of the Government's HomeBuilder initiative has added availability pressures to this occupation. Natural disasters in recent years – bushfires and floods – have created additional demand for building and construction
NSW	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 124% higher than pre-covid Natural disasters in recent years – bushfires and floods – have created additional demand for building and construction
Vic	S	<ul style="list-style-type: none"> Natural disasters in recent years – bushfires and floods – have created additional demand for building and construction
Qld	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 143% higher than pre-covid Natural disasters in recent years – bushfires and floods – have created additional demand for building and construction
SA	S	<ul style="list-style-type: none">
WA	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 159% higher than pre-covid and 68% above the ten-year average
Tas	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 150% higher than pre-covid and 119% above the ten-year average
NT	S	<ul style="list-style-type: none"> Online job ads in February 2022 are triple pre-covid levels and 83% above the ten-year average
ACT	S	<ul style="list-style-type: none">

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong

**OCCUPATION: 821711 CONSTRUCTION RIGGER; 821712 SCAFFOLDER; 821713 STEEL FIXER;
821714 STRUCTURAL STEEL ERECTOR; 821911 CRANE CHASER**

CURRENT DEMAND

NS (NO SHORTAGE), S (SHORTAGE), MS (METRO SHORTAGE) RS (REGIONAL SHORTAGE)

Aus	S	<ul style="list-style-type: none"> The success of the Government's HomeBuilder initiative and pipeline of public infrastructure projects has added availability pressures to this occupation. Online job ads in February 2022 are 95% higher than pre-covid Timber shortages are increasing the demand for structural steel and skilled workers in this area
NSW	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 55% higher than pre-covid
Vic	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 51% higher than pre-covid
Qld	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 61% higher than pre-covid
SA	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 56% higher than pre-covid
WA	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 177% higher than pre-covid and 85% above the ten-year average
Tas	S	<ul style="list-style-type: none">
NT	S	<ul style="list-style-type: none"> Online job ads in February 2022 are 130% higher than pre-covid
ACT	S	<ul style="list-style-type: none">

FUTURE DEMAND

SOFT, MODERATE, STRONG

Strong	<ul style="list-style-type: none"> Infrastructure pipeline indicates strong growth projections. Workforce growth projected at 6.5% Increased pre-fabrication off-site, for example pre-cast concrete increases demand for riggers
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